

Version: Nov2008  
Contract/Lab: All Laboratories  
Species: MICE  
Strain: B6C3F1  
Length of Study: CHRONIC

**Toxicology Data Management System**  
Tumor Incidence for Selected Control Animal Groups  
Route: ORAL  
Vehicle: FEED

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**Study Summary**

Laboratory Name	Study Number	Study Start Date	Length of Study in Days	Number of Animals Total and (#/Cage)	Number Surviving and (Mean Life Span)	Maximum Mean Weekly Body Weight	Chemical
<b>Male</b>							
Battelle Columbus Laboratory	058813804	09/14/99	730	50 (1)	44(717)	46.0	Benzophenone
Southern Research Institute	059902704	07/29/02	729	50 (1)	46(715)	50.0	Chromium picolinate monohydrate
Battelle Columbus Laboratory	050517406	N/A	N/A	0 (0)	0(0)	N/A	Cresols
Southern Research Institute	059900706	05/12/03	729	50 (1)	43(715)	48.3	Goldenseal root powder
Southern Research Institute	059201306	02/03/00	729	50 (1)	45(717)	46.1	4-Methylimidazole
Southern Research Institute	052000804	03/25/03	729	50 (1)	45(712)	49.8	Milk thistle extract
<b>Female</b>							
Battelle Columbus Laboratory	058813804	09/13/99	729	50 (5)	40(706)	46.2	Benzophenone
Southern Research Institute	059902704	07/29/02	732	50 (5)	45(698)	50.3	Chromium picolinate monohydrate
Battelle Columbus Laboratory	050517406	08/20/02	728	50 (5)	41(696)	51.8	Cresols
Southern Research Institute	059900706	05/12/03	732	50 (5)	44(718)	51.9	Goldenseal root powder
Southern Research Institute	059201306	02/03/00	734	50 (5)	42(706)	45.6	4-Methylimidazole
Southern Research Institute	052000804	03/25/03	732	50 (5)	40(714)	51.0	Milk thistle extract

NOTE: The text on page 2 ("Report Description") describes how the studies listed here are displayed on the data pages that follow.

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Male										Female					
#All Organs:															
Benign Tumors															
		27/50	(54%)	28/50	(56%)			15/50	(30%)	16/50	(32%)	16/50	(32%)		
		28/50	(56%)	26/50	(52%)	21/50	(42%)	17/50	(34%)	18/50	(36%)	18/50	(36%)		
Overall Incidence	Total	130/250	(52%)	Mean	52%	SD	5.83%	Total	100/300	(33.33%)	Mean	33.33%	SD	2.42%	
.....															
#All Organs:															
Malignant Tumors															
		17/50	(34%)	24/50	(48%)			16/50	(32%)	22/50	(44%)	20/50	(40%)		
		20/50	(40%)	15/50	(30%)	29/50	(58%)	13/50	(26%)	20/50	(40%)	19/50	(38%)		
Overall Incidence	Total	105/250	(42%)	Mean	42%	SD	11.22%	Total	110/300	(36.67%)	Mean	36.67%	SD	6.53%	
.....															
#All Organs:															
Malignant and Benign Tumors															
		38/50	(76%)	40/50	(80%)			25/50	(50%)	31/50	(62%)	29/50	(58%)		
		38/50	(76%)	34/50	(68%)	39/50	(78%)	26/50	(52%)	29/50	(58%)	32/50	(64%)		
Overall Incidence	Total	189/250	(75.6%)	Mean	75.6%	SD	4.56%	Total	172/300	(57.33%)	Mean	57.33%	SD	5.47%	
.....															
#All Organs:															
Hemangioma															
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	2/50	(4%)	0/50	(0%)	0/50	(0%)	1/50	(2%)		
Overall Incidence	Total	2/250	(0.8%)	Mean	0.8%	SD	1.79%	Total	1/300	(0.33%)	Mean	0.33%	SD	0.82%	
.....															
#All Organs:															
Hemangiosarcoma															
		3/50	(6%)	2/50	(4%)			1/50	(2%)	3/50	(6%)	1/50	(2%)		
		2/50	(4%)	1/50	(2%)	3/50	(6%)	1/50	(2%)	3/50	(6%)	2/50	(4%)		
Overall Incidence	Total	11/250	(4.4%)	Mean	4.4%	SD	1.67%	Total	11/300	(3.67%)	Mean	3.67%	SD	1.97%	

\*: Denominator is number of animals with tissues examined microscopically  
#: Denominator is number of animals necropsied

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		Male						Female						
#All Organs:														
Hemangiosarcoma or Hemangioma														
		3/50	(6%)	2/50	(4%)			1/50	(2%)	3/50	(6%)	1/50	(2%)	
		2/50	(4%)	1/50	(2%)	4/50	(8%)	1/50	(2%)	3/50	(6%)	3/50	(6%)	
Overall Incidence	Total	12/250	(4.8%)	Mean	4.8%	SD	2.28%	Total	12/300	(4%)	Mean	4%	SD	2.19%
.....														
#All Organs:														
Histiocytic Sarcoma														
		1/50	(2%)	0/50	(0%)			0/50	(0%)	1/50	(2%)	2/50	(4%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	1/50	(2%)	
Overall Incidence	Total	1/250	(0.4%)	Mean	0.4%	SD	0.89%	Total	5/300	(1.67%)	Mean	1.67%	SD	1.51%
.....														
#All Organs:														
Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type														
		2/50	(4%)	2/50	(4%)			8/50	(16%)	5/50	(10%)	7/50	(14%)	
		1/50	(2%)	3/50	(6%)	6/50	(12%)	6/50	(12%)	7/50	(14%)	11/50	(22%)	
Overall Incidence	Total	14/250	(5.6%)	Mean	5.6%	SD	3.85%	Total	44/300	(14.67%)	Mean	14.67%	SD	4.13%
.....														
#All Organs:														
Mesothelioma: Benign, Malignant, NOS														
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
.....														
#All Organs:														
Mesothelioma: Malignant														
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
.....														

\*: Denominator is number of animals with tissues examined microscopically  
#: Denominator is number of animals necropsied

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**Route: ORAL**  
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Male														Female					
#All Organs: Osteoma																			
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)						
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)						
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%					
.....																			
#All Organs: Osteosarcoma																			
		0/50	(0%)	0/50	(0%)			1/50	(2%)	0/50	(0%)	0/50	(0%)						
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)						
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	2/300	(0.67%)	Mean	0.67%	SD	1.03%					
.....																			
#All Organs: Osteosarcoma or Osteoma																			
		0/50	(0%)	0/50	(0%)			1/50	(2%)	0/50	(0%)	0/50	(0%)						
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)						
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	2/300	(0.67%)	Mean	0.67%	SD	1.03%					
.....																			
*Adrenal Cortex: Adenoma																			
		0/50	(0%)	0/50	(0%)			1/50	(2%)	0/50	(0%)	0/49	(0%)						
		2/50	(4%)	4/50	(8%)	1/50	(2%)	0/50	(0%)	0/50	(0%)	0/50	(0%)						
Overall Incidence	Total	7/250	(2.8%)	Mean	2.8%	SD	3.35%	Total	1/299	(0.33%)	Mean	0.33%	SD	0.82%					
.....																			
*Adrenal Cortex: Sarcoma																			
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/49	(0%)						
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)						
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/299	(0%)	Mean	0%	SD	0%					

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Male										Female					
<b>*Adrenal Medulla:</b>															
<b>Pheochromocytoma Benign</b>															
		0/50	(0%)	0/49	(0%)			1/50	(2%)	0/49	(0%)	0/49	(0%)		
		0/50	(0%)	0/50	(0%)	1/49	(2%)	0/50	(0%)	0/50	(0%)	0/49	(0%)		
Overall Incidence	Total	1/248	(0.4%)	Mean	0.41%	SD	0.91%	Total	1/297	(0.34%)	Mean	0.33%	SD	0.82%	
.....															
<b>*Adrenal Medulla:</b>															
<b>Pheochromocytoma Complex</b>															
		0/50	(0%)	0/49	(0%)			0/50	(0%)	0/49	(0%)	0/49	(0%)		
		0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	0/49	(0%)		
Overall Incidence	Total	0/248	(0%)	Mean	0%	SD	0%	Total	0/297	(0%)	Mean	0%	SD	0%	
.....															
<b>*Adrenal Medulla:</b>															
<b>Pheochromocytoma Malignant</b>															
		0/50	(0%)	0/49	(0%)			0/50	(0%)	1/49	(2%)	1/49	(2%)		
		0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)	1/50	(2%)	0/49	(0%)		
Overall Incidence	Total	0/248	(0%)	Mean	0%	SD	0%	Total	3/297	(1.01%)	Mean	1.01%	SD	1.11%	
.....															
<b>*Adrenal Medulla:</b>															
<b>Pheochromocytoma: Benign, Complex, Malignant, NOS</b>															
		0/50	(0%)	0/49	(0%)			1/50	(2%)	1/49	(2%)	1/49	(2%)		
		0/50	(0%)	0/50	(0%)	1/49	(2%)	0/50	(0%)	1/50	(2%)	0/49	(0%)		
Overall Incidence	Total	1/248	(0.4%)	Mean	0.41%	SD	0.91%	Total	4/297	(1.35%)	Mean	1.35%	SD	1.04%	
.....															
<b>*Bone Marrow:</b>															
<b>Hemangiosarcoma</b>															
		0/49	(0%)	0/50	(0%)			1/50	(2%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	1/50	(2%)	1/49	(2%)	0/49	(0%)	0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	2/248	(0.81%)	Mean	0.81%	SD	1.11%	Total	1/299	(0.33%)	Mean	0.33%	SD	0.82%	

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		Male						Female						
*Bone Marrow:														
Mast Cell Tumor Malignant														
		0/49	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/49	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/248	(0%)	Mean	0%	SD	0%	Total	0/299	(0%)	Mean	0%	SD	0%
.....														
#Bone:														
Hemangiosarcoma														
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
.....														
#Bone:														
Osteoma														
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
.....														
#Bone:														
Osteosarcoma														
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	1/300	(0.33%)	Mean	0.33%	SD	0.82%
.....														
#Bone:														
Osteosarcoma or Osteoma														
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	1/300	(0.33%)	Mean	0.33%	SD	0.82%

\*: Denominator is number of animals with tissues examined microscopically  
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														Male				Female			
#Bone:																					
Sarcoma																					
		0/50		(0%)		0/50		(0%)				0/50		(0%)		0/50		(0%)			
		0/50		(0%)		0/50		(0%)		0/50		(0%)		0/50		(0%)		0/50		(0%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%							
.....																					
#Brain:																					
Meningioma Benign																					
		0/50		(0%)		0/50		(0%)				0/50		(0%)		0/50		(0%)			
		0/50		(0%)		0/50		(0%)		0/50		(0%)		0/50		(0%)		0/50		(0%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%							
.....																					
#Brain:																					
Meningioma: Benign, Malignant, NOS																					
		0/50		(0%)		0/50		(0%)				0/50		(0%)		0/50		(0%)			
		0/50		(0%)		0/50		(0%)		0/50		(0%)		0/50		(0%)		0/50		(0%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%							
.....																					
#Brain:																					
Schwannoma Malignant																					
		0/50		(0%)		0/50		(0%)				0/50		(0%)		0/50		(0%)			
		0/50		(0%)		0/50		(0%)		0/50		(0%)		0/50		(0%)		0/50		(0%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%							
.....																					
#Clitoral/Preputial Gland:																					
Adenoma																					
		0/50		(0%)		0/50		(0%)				0/50		(0%)		0/44		(0%)			
		0/50		(0%)		0/50		(0%)		1/50		(2%)		0/50		(0%)		0/47		(0%)	
Overall Incidence	Total	1/250	(0.4%)	Mean	0.4%	SD	0.89%	Total	0/290	(0%)	Mean	0%	SD	0%							

\*: Denominator is number of animals with tissues examined microscopically  
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		Male						Female						
*Clitoral/Preputial Gland: Carcinoma														
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/44	(0%)	1/49	(2%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/47	(0%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	1/290	(0.34%)	Mean	0.34%	SD	0.83%
.....														
*Clitoral/Preputial Gland: Carcinoma or Adenoma														
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/44	(0%)	1/49	(2%)	
		0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)	0/50	(0%)	0/47	(0%)	
Overall Incidence	Total	1/250	(0.4%)	Mean	0.4%	SD	0.89%	Total	1/290	(0.34%)	Mean	0.34%	SD	0.83%
.....														
*Clitoral/Preputial Gland: Hemangioma														
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/44	(0%)	0/49	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/47	(0%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/290	(0%)	Mean	0%	SD	0%
.....														
*Clitoral/Preputial Gland: Hemangiosarcoma														
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/44	(0%)	0/49	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/47	(0%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/290	(0%)	Mean	0%	SD	0%
.....														
*Clitoral/Preputial Gland: Squamous Cell Carcinoma														
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/44	(0%)	0/49	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/47	(0%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/290	(0%)	Mean	0%	SD	0%

\*: Denominator is number of animals with tissues examined microscopically  
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		Male				Female			
*Epididymis: Sarcoma									
		0/50	(0%)	0/50	(0%)				
		0/50	(0%)	0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%		
#Esophagus: Squamous Cell Carcinoma									
		0/50	(0%)	0/50	(0%)			0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300 (0%)
								Mean	0%
								SD	0%
#Eye: Sarcoma									
		0/50	(0%)	0/50	(0%)			0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300 (0%)
								Mean	0%
								SD	0%
*Gallbladder: Adenoma									
		0/45	(0%)	0/46	(0%)			0/49	(0%)
		0/47	(0%)	0/44	(0%)	0/45	(0%)	0/48	(0%)
Overall Incidence	Total	0/227	(0%)	Mean	0%	SD	0%	Total	0/286 (0%)
								Mean	0%
								SD	0%
#Harderian Gland: Adenoma									
		6/50	(12%)	5/50	(10%)			1/50	(2%)
		7/50	(14%)	4/50	(8%)	5/50	(10%)	5/50	(10%)
Overall Incidence	Total	27/250	(10.8%)	Mean	10.8%	SD	2.28%	Total	31/300 (10.33%)
								Mean	10.33%
								SD	4.27%

\*: Denominator is number of animals with tissues examined microscopically  
 #: Denominator is number of animals necropsied

Version: Nov2008  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: FEED**

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**Report Date: 11/17/2008**

Male														Female													
#Harderian Gland: Carcinoma																											
		1/50	(2%)	1/50	(2%)			0/50	(0%)			0/50	(0%)	2/50	(4%)	1/50	(2%)										
		2/50	(4%)	1/50	(2%)							2/50	(4%)	1/50	(2%)	2/50	(4%)										
Overall Incidence	Total	5/250	(2%)	Mean	2%	SD	1.41%			Total		8/300	(2.67%)	Mean	2.67%	SD	1.63%										
.....																											
#Harderian Gland: Carcinoma or Adenoma																											
		7/50	(14%)	5/50	(10%)							1/50	(2%)	9/50	(18%)	7/50	(14%)										
		9/50	(18%)	5/50	(10%)	5/50	(10%)					7/50	(14%)	7/50	(14%)	8/50	(16%)										
Overall Incidence	Total	31/250	(12.4%)	Mean	12.4%	SD	3.58%			Total		39/300	(13%)	Mean	13%	SD	5.62%										
.....																											
#Harderian Gland: Sarcoma																											
		0/50	(0%)	0/50	(0%)							0/50	(0%)	0/50	(0%)	0/50	(0%)										
		0/50	(0%)	0/50	(0%)	0/50	(0%)					0/50	(0%)	0/50	(0%)	0/50	(0%)										
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%			Total		0/300	(0%)	Mean	0%	SD	0%										
.....																											
*Heart: Hemangioma																											
		0/50	(0%)	0/50	(0%)							0/50	(0%)	0/50	(0%)	0/50	(0%)										
		0/50	(0%)	0/50	(0%)	0/50	(0%)					0/50	(0%)	0/50	(0%)	0/50	(0%)										
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%			Total		0/300	(0%)	Mean	0%	SD	0%										
.....																											
*Heart: Hemangiosarcoma																											
		1/50	(2%)	0/50	(0%)							0/50	(0%)	0/50	(0%)	0/50	(0%)										
		0/50	(0%)	0/50	(0%)	0/50	(0%)					0/50	(0%)	0/50	(0%)	0/50	(0%)										
Overall Incidence	Total	1/250	(0.4%)	Mean	0.4%	SD	0.89%			Total		0/300	(0%)	Mean	0%	SD	0%										

\*: Denominator is number of animals with tissues examined microscopically  
 #: Denominator is number of animals necropsied

Version: Nov2008  
Contract/Lab: All Laboratories  
Species: MICE  
Strain: B6C3F1  
Length of Study: CHRONIC

**Toxicology Data Management System**  
Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: FEED**

**Page: 197**  
**Report Date: 11/17/2008**

		Male						Female						
*Heart:														
Sarcoma														
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
.....														
#Intestine Large: Cecum:														
Carcinoma														
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
.....														
#Intestine Large: Cecum:														
Carcinoma or Adenoma														
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
.....														
#Intestine Large: Cecum:														
Leiomyoma														
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
.....														
#Intestine Large: Cecum:														
Polyp Adenomatous														
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%

\*: Denominator is number of animals with tissues examined microscopically  
#: Denominator is number of animals necropsied

Version: Nov2008  
Contract/Lab: All Laboratories  
Species: MICE  
Strain: B6C3F1  
Length of Study: CHRONIC

**Toxicology Data Management System**  
Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: FEED**

**Page: 198**  
**Report Date: 11/17/2008**

Male												Female					
#Intestine Large: Colon/Rectum: Leiomyosarcoma																	
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)				
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%			
.....																	
#Intestine Small: Duodenum: Adenoma																	
		0/50	(0%)	1/50	(2%)			0/50	(0%)	0/50	(0%)	0/50	(0%)				
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	1/250	(0.4%)	Mean	0.4%	SD	0.89%	Total	0/300	(0%)	Mean	0%	SD	0%			
.....																	
#Intestine Small: Duodenum: Carcinoma																	
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)				
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%			
.....																	
#Intestine Small: Duodenum: Leiomyosarcoma																	
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)				
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%			
.....																	
#Intestine Small: Duodenum: Polyp Adenomatous																	
		0/50	(0%)	0/50	(0%)			1/50	(2%)	0/50	(0%)	0/50	(0%)				
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)				
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	2/300	(0.67%)	Mean	0.67%	SD	1.03%			

\*: Denominator is number of animals with tissues examined microscopically  
#: Denominator is number of animals necropsied

Version: Nov2008  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: FEED**

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**Report Date: 11/17/2008**

Male														Female													
#Intestine Small: Ileum: Carcinoma																											
		0/50	(0%)	1/50	(2%)			0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)										
		0/50	(0%)	0/50	(0%)			0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)										
Overall Incidence	Total	1/250	(0.4%)	Mean	0.4%	SD	0.89%	Total	0/300	(0%)	Mean	0%	SD	0%													
.....																											
#Intestine Small: Ileum: Hemangiosarcoma																											
		0/50	(0%)	0/50	(0%)			0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)										
		0/50	(0%)	0/50	(0%)			0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)										
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%													
.....																											
#Intestine Small: Ileum: Polyp Adenomatous																											
		0/50	(0%)	0/50	(0%)			0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)										
		0/50	(0%)	0/50	(0%)			0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)										
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%													
.....																											
#Intestine Small: Jejunum: Adenoma																											
		0/50	(0%)	0/50	(0%)			0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)										
		0/50	(0%)	0/50	(0%)			0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)										
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%													
.....																											
#Intestine Small: Jejunum: Carcinoma																											
		0/50	(0%)	1/50	(2%)			0/50	(0%)			1/50	(2%)	0/50	(0%)	0/50	(0%)										
		2/50	(4%)	0/50	(0%)			0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)										
Overall Incidence	Total	3/250	(1.2%)	Mean	1.2%	SD	1.79%	Total	1/300	(0.33%)	Mean	0.33%	SD	0.82%													

\*: Denominator is number of animals with tissues examined microscopically  
 #: Denominator is number of animals necropsied

Version: Nov2008  
Contract/Lab: All Laboratories  
Species: MICE  
Strain: B6C3F1  
Length of Study: CHRONIC

**Toxicology Data Management System**  
Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: FEED**

**Page: 200**  
**Report Date: 11/17/2008**

Male												Female					
#Intestine Small: Jejunum: Hemangiosarcoma																	
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)				
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%			
.....																	
#Intestine Small: Jejunum: Leiomyosarcoma																	
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	1/50	(2%)				
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	1/300	(0.33%)	Mean	0.33%	SD	0.82%			
.....																	
#Intestine Small: Jejunum: Polyp Adenomatous																	
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)				
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%			
.....																	
#Intestine Small: Site Unspecified: Adenoma																	
		0/50	(0%)	1/50	(2%)			0/50	(0%)	0/50	(0%)	0/50	(0%)				
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	1/250	(0.4%)	Mean	0.4%	SD	0.89%	Total	0/300	(0%)	Mean	0%	SD	0%			
.....																	
#Intestine Small: Site Unspecified: Carcinoma																	
		0/50	(0%)	2/50	(4%)			0/50	(0%)	1/50	(2%)	0/50	(0%)				
		2/50	(4%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	4/250	(1.6%)	Mean	1.6%	SD	2.19%	Total	1/300	(0.33%)	Mean	0.33%	SD	0.82%			

\*: Denominator is number of animals with tissues examined microscopically  
#: Denominator is number of animals necropsied

Version: Nov2008  
Contract/Lab: All Laboratories  
Species: MICE  
Strain: B6C3F1  
Length of Study: CHRONIC

**Toxicology Data Management System**  
Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: FEED**

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**Report Date: 11/17/2008**

		Male						Female						
#Intestine Small: Site Unspecified: Carcinoma or Adenoma														
		0/50	(0%)	3/50	(6%)			0/50	(0%)	1/50	(2%)	0/50	(0%)	
		2/50	(4%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	5/250	(2%)	Mean	2%	SD	2.83%	Total	1/300	(0.33%)	Mean	0.33%	SD	0.82%
.....														
#Intestine Small: Site Unspecified: Hemangiosarcoma														
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
.....														
#Intestine Small: Site Unspecified: Leiomyosarcoma														
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	1/50	(2%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	1/300	(0.33%)	Mean	0.33%	SD	0.82%
.....														
#Intestine Small: Site Unspecified: Polyp Adenomatous														
		0/50	(0%)	0/50	(0%)			1/50	(2%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	2/300	(0.67%)	Mean	0.67%	SD	1.03%
.....														
*Islets, Pancreatic: Adenoma														
		0/50	(0%)	1/50	(2%)			0/50	(0%)	0/50	(0%)	1/50	(2%)	
		0/49	(0%)	0/49	(0%)	0/49	(0%)	1/48	(2%)	0/49	(0%)	0/49	(0%)	
Overall Incidence	Total	1/247	(0.4%)	Mean	0.4%	SD	0.89%	Total	2/296	(0.68%)	Mean	0.68%	SD	1.05%

\*: Denominator is number of animals with tissues examined microscopically  
#: Denominator is number of animals necropsied

Version: Nov2008  
Contract/Lab: All Laboratories  
Species: MICE  
Strain: B6C3F1  
Length of Study: CHRONIC

**Toxicology Data Management System**  
Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: FEED**

**Page: 202**  
**Report Date:**11/17/2008

Male														Female					
*Islets, Pancreatic: Carcinoma																			
		0/50	(0%)	0/50	(0%)			0/50	(0%)	2/50	(4%)	0/50	(0%)						
		0/49	(0%)	0/49	(0%)	0/49	(0%)	0/48	(0%)	0/49	(0%)	0/49	(0%)						
Overall Incidence	Total	0/247	(0%)	Mean	0%	SD	0%	Total	2/296	(0.68%)	Mean	0.67%	SD	1.63%					
.....																			
*Islets, Pancreatic: Carcinoma or Adenoma																			
		0/50	(0%)	1/50	(2%)			0/50	(0%)	2/50	(4%)	1/50	(2%)						
		0/49	(0%)	0/49	(0%)	0/49	(0%)	1/48	(2%)	0/49	(0%)	0/49	(0%)						
Overall Incidence	Total	1/247	(0.4%)	Mean	0.4%	SD	0.89%	Total	4/296	(1.35%)	Mean	1.35%	SD	1.64%					
.....																			
*Kidney: Renal Tubule: Adenoma																			
		0/50	(0%)	2/50	(4%)			0/50	(0%)	0/50	(0%)	0/50	(0%)						
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)						
Overall Incidence	Total	2/250	(0.8%)	Mean	0.8%	SD	1.79%	Total	0/299	(0%)	Mean	0%	SD	0%					
.....																			
*Kidney: Renal Tubule: Carcinoma																			
		0/50	(0%)	1/50	(2%)			0/50	(0%)	0/50	(0%)	0/50	(0%)						
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)						
Overall Incidence	Total	1/250	(0.4%)	Mean	0.4%	SD	0.89%	Total	0/299	(0%)	Mean	0%	SD	0%					
.....																			
*Kidney: Renal Tubule: Carcinoma or Adenoma																			
		0/50	(0%)	3/50	(6%)			0/50	(0%)	0/50	(0%)	0/50	(0%)						
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)						
Overall Incidence	Total	3/250	(1.2%)	Mean	1.2%	SD	2.68%	Total	0/299	(0%)	Mean	0%	SD	0%					

\*: Denominator is number of animals with tissues examined microscopically  
#: Denominator is number of animals necropsied



**Version:** Nov2008

**Contract/Lab:** All Laboratories

**Species:** MICE

Strain: B6C3F1

**Length of Study:** CHRONIC

## Toxicology Data Management System

### Tumor Incidence for Selected Control Animal Groups

Route: ORAL

Vehicle: FEED

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Report Date:11/17/2008

Male								Female							
*Liver: Cholangiocarcinoma															
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%	
.....															
*Liver: Fibrous Histiocytoma															
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%	
.....															
*Liver: Hemangioma															
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%	
.....															
*Liver: Hemangiosarcoma															
		0/50	(0%)	2/50	(4%)			0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	2/250	(0.8%)	Mean	0.8%	SD	1.79%	Total	0/300	(0%)	Mean	0%	SD	0%	
.....															
*Liver: Hepatoblastoma															
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)		
		1/50	(2%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	1/250	(0.4%)	Mean	0.4%	SD	0.89%	Total	0/300	(0%)	Mean	0%	SD	0%	

\*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Nov2008  
Contract/Lab: All Laboratories  
Species: MICE  
Strain: B6C3F1  
Length of Study: CHRONIC

Toxicology Data Management System  
Tumor Incidence for Selected Control Animal Groups  
Route: ORAL  
Vehicle: FEED

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Report Date:11/17/2008

		Male						Female						
*Liver:														
Hepatocellular Adenoma														
		11/50	(22%)	21/50	(42%)			5/50	(10%)	1/50	(2%)	4/50	(8%)	
		22/50	(44%)	17/50	(34%)	12/50	(24%)	3/50	(6%)	4/50	(8%)	3/50	(6%)	
Overall Incidence	Total	83/250	(33.2%)	Mean	33.2%	SD	10.06%	Total	20/300	(6.67%)	Mean	6.67%	SD	2.73%
.....														
*Liver:														
Hepatocellular Carcinoma														
		8/50	(16%)	15/50	(30%)			0/50	(0%)	3/50	(6%)	1/50	(2%)	
		8/50	(16%)	10/50	(20%)	17/50	(34%)	3/50	(6%)	1/50	(2%)	0/50	(0%)	
Overall Incidence	Total	58/250	(23.2%)	Mean	23.2%	SD	8.32%	Total	8/300	(2.67%)	Mean	2.67%	SD	2.73%
.....														
*Liver:														
Hepatocellular Carcinoma or Hepatoblastoma														
		8/50	(16%)	15/50	(30%)			0/50	(0%)	3/50	(6%)	1/50	(2%)	
		9/50	(18%)	10/50	(20%)	17/50	(34%)	3/50	(6%)	1/50	(2%)	0/50	(0%)	
Overall Incidence	Total	59/250	(23.6%)	Mean	23.6%	SD	7.92%	Total	8/300	(2.67%)	Mean	2.67%	SD	2.73%
.....														
*Liver:														
Hepatocellular Carcinoma or Hepatocellular Adenoma														
		18/50	(36%)	32/50	(64%)			5/50	(10%)	4/50	(8%)	4/50	(8%)	
		26/50	(52%)	23/50	(46%)	26/50	(52%)	6/50	(12%)	5/50	(10%)	3/50	(6%)	
Overall Incidence	Total	125/250	(50%)	Mean	50%	SD	10.2%	Total	27/300	(9%)	Mean	9%	SD	2.1%
.....														
*Liver:														
Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma														
		18/50	(36%)	32/50	(64%)			5/50	(10%)	4/50	(8%)	4/50	(8%)	
		26/50	(52%)	23/50	(46%)	26/50	(52%)	6/50	(12%)	5/50	(10%)	3/50	(6%)	
Overall Incidence	Total	125/250	(50%)	Mean	50%	SD	10.2%	Total	27/300	(9%)	Mean	9%	SD	2.1%
.....														

#: Denominator is number of animals with tissues examined microscopically  
#: Denominator is number of animals necropsied

**Length of Study:** CHRONIC

### Tumor Incidence for Selected Control Animal Groups

Vehicle: FEED

Report Date:11/17/2008

#: Denominator is number of animals necropsied

Version: Nov2008  
Contract/Lab: All Laboratories  
Species: MICE  
Strain: B6C3F1  
Length of Study: CHRONIC

Toxicology Data Management System  
Tumor Incidence for Selected Control Animal Groups  
Route: ORAL  
Vehicle: FEED

Page: 206  
Report Date:11/17/2008

		Male						Female					
*Lung:													
Alveolar/Bronchiolar Adenoma													
		14/50	(28%)	13/50	(26%)			0/50	(0%)	1/50	(2%)	5/50	(10%)
		4/50	(8%)	8/50	(16%)	1/50	(2%)	4/50	(8%)	0/50	(0%)	1/50	(2%)
Overall Incidence	Total	40/250	(16%)	Mean 16%		SD 11.22%		Total	11/300	(3.67%)	Mean 3.67%	SD 4.27%	
.....													
*Lung:													
Alveolar/Bronchiolar Carcinoma													
		2/50	(4%)	3/50	(6%)			1/50	(2%)	1/50	(2%)	2/50	(4%)
		6/50	(12%)	2/50	(4%)	10/50	(20%)	1/50	(2%)	3/50	(6%)	1/50	(2%)
Overall Incidence	Total	23/250	(9.2%)	Mean 9.2%		SD 6.87%		Total	9/300	(3%)	Mean 3%	SD 1.67%	
.....													
*Lung:													
Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma													
		16/50	(32%)	16/50	(32%)			1/50	(2%)	2/50	(4%)	5/50	(10%)
		10/50	(20%)	9/50	(18%)	11/50	(22%)	5/50	(10%)	3/50	(6%)	2/50	(4%)
Overall Incidence	Total	62/250	(24.8%)	Mean 24.8%		SD 6.72%		Total	18/300	(6%)	Mean 6%	SD 3.35%	
.....													
*Lung:													
Fibrosarcoma													
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/250	(0%)	Mean 0%		SD 0%		Total	0/300	(0%)	Mean 0%	SD 0%	
.....													
*Lung:													
Fibrous Histiocytoma													
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/250	(0%)	Mean 0%		SD 0%		Total	0/300	(0%)	Mean 0%	SD 0%	
.....													

#: Denominator is number of animals with tissues examined microscopically  
#: Denominator is number of animals necropsied

Version: Nov2008  
Contract/Lab: All Laboratories  
Species: MICE  
Strain: B6C3F1  
Length of Study: CHRONIC

Toxicology Data Management System  
Tumor Incidence for Selected Control Animal Groups  
Route: ORAL  
Vehicle: FEED

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Report Date:11/17/2008

Male								Female							
*Lung: Hemangiosarcoma															
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	1/50	(2%)	0/50	(0%)			0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	1/250	(0.4%)	Mean	0.4%	SD	0.89%	Total	0/300	(0%)	Mean	0%	SD	0%	
.....															
*Lung: Sarcoma															
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	1/50	(2%)			0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	1/250	(0.4%)	Mean	0.4%	SD	0.89%	Total	0/300	(0%)	Mean	0%	SD	0%	
.....															
#Lymph Node: Fibrous Histiocytoma															
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%	
.....															
#Lymph Node: Hemangioma															
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%	
.....															
#Lymph Node: Hemangiosarcoma															
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	1/50	(2%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	1/300	(0.33%)	Mean	0.33%	SD	0.82%	

.....  
\*: Denominator is number of animals with tissues examined microscopically  
#: Denominator is number of animals necropsied

Version: Nov2008  
Contract/Lab: All Laboratories  
Species: MICE  
Strain: B6C3F1  
Length of Study: CHRONIC

Toxicology Data Management System  
Tumor Incidence for Selected Control Animal Groups  
Route: ORAL  
Vehicle: FEED

Male								Female							
#Lymph Node: Sarcoma															
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	1/300	(0.33%)	Mean	0.33%	SD	0.82%	
.....															
#Lymph Node, Bronchial: Hemangiosarcoma															
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%	
.....															
#Lymph Node, Mandibular: Fibrous Histiocytoma															
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%	
.....															
#Lymph Node, Mandibular: Hemangiosarcoma															
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	1/300	(0.33%)	Mean	0.33%	SD	0.82%	
.....															
#Lymph Node, Mandibular: Mast Cell Tumor Malignant															
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%	

\*: Denominator is number of animals with tissues examined microscopically  
#: Denominator is number of animals necropsied

Version: Nov2008  
Contract/Lab: All Laboratories  
Species: MICE  
Strain: B6C3F1  
Length of Study: CHRONIC

**Toxicology Data Management System**  
Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: FEED**

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**Report Date: 11/17/2008**

		Male						Female						
#Lymph Node, Mesenteric: Fibrous Histiocytoma														
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
.....														
#Lymph Node, Mesenteric: Hemangioma														
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	1/250	(0.4%)	Mean	0.4%	SD	0.89%	Total	0/300	(0%)	Mean	0%	SD	0%
.....														
#Lymph Node, Mesenteric: Hemangiosarcoma														
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
.....														
#Mammary Gland: Adenoacanthoma														
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
.....														
#Mammary Gland: Adenoma														
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%

\*: Denominator is number of animals with tissues examined microscopically  
#: Denominator is number of animals necropsied

Version: Nov2008  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: FEED**

**Page: 210**  
**Report Date: 11/17/2008**

Male						Female								
#Mammary Gland: Carcinoma														
		0/50	(0%)	0/50	(0%)		1/50	(2%)	1/50	(2%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	3/300	(1%)	Mean	1%	SD	1.1%
.....														
#Mammary Gland: Carcinoma or Adenoma														
		0/50	(0%)	0/50	(0%)		1/50	(2%)	1/50	(2%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	3/300	(1%)	Mean	1%	SD	1.1%
.....														
#Mammary Gland: Fibroadenoma														
		0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
.....														
#Mammary Gland: Fibroma, Fibroadenoma or Adenoma														
		0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
.....														
#Mammary Gland: Fibroma, Fibroadenoma, Carcinoma, or Adenoma														
		0/50	(0%)	0/50	(0%)		1/50	(2%)	1/50	(2%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	3/300	(1%)	Mean	1%	SD	1.1%

\*: Denominator is number of animals with tissues examined microscopically  
 #: Denominator is number of animals necropsied



**Length of Study:** CHRONIC

### Tumor Incidence for Selected Control Animal Groups

Vehicle: FEED

Report Date:11/17/2008

#: Denominator is number of animals necropsied

Version: Nov2008  
Contract/Lab: All Laboratories  
Species: MICE  
Strain: B6C3F1  
Length of Study: CHRONIC

Toxicology Data Management System  
Tumor Incidence for Selected Control Animal Groups  
Route: ORAL  
Vehicle: FEED

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Report Date:11/17/2008

Male								Female							
*Nose:															
Mast Cell Tumor Malignant															
		0/50	(0%)	1/50	(2%)			0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	1/250	(0.4%)	Mean	0.4%	SD	0.89%	Total	0/300	(0%)	Mean	0%	SD	0%	
.....															
#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva):															
Papilloma Squamous or Papilloma															
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%	
.....															
#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva):															
Squamous Cell Carcinoma															
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%	
.....															
#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva):															
Squamous Cell Carcinoma, Papilloma Squamous, or Papilloma															
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%	
.....															
#Oral Mucosa:															
Squamous Cell Carcinoma															
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%	
.....															

\*: Denominator is number of animals with tissues examined microscopically  
#: Denominator is number of animals necropsied

Version: Nov2008  
Contract/Lab: All Laboratories  
Species: MICE  
Strain: B6C3F1  
Length of Study: CHRONIC

Toxicology Data Management System  
Tumor Incidence for Selected Control Animal Groups  
Route: ORAL  
Vehicle: FEED

Male			Female				
*Ovary:							
Choriocarcinoma							
		0/49	(0%)	0/48	(0%)	0/50	(0%)
		0/49	(0%)	0/48	(0%)	0/46	(0%)
Overall Incidence	Total	0/290	(0%)	Mean	0%	SD	0%
*Ovary:							
Cystadenoma							
		1/49	(2%)	0/48	(0%)	1/50	(2%)
		3/49	(6%)	2/48	(4%)	1/46	(2%)
Overall Incidence	Total	8/290	(2.76%)	Mean	2.75%	SD	2.11%
*Ovary:							
Fibrous Histiocytoma							
		0/49	(0%)	0/48	(0%)	0/50	(0%)
		0/49	(0%)	0/48	(0%)	0/46	(0%)
Overall Incidence	Total	0/290	(0%)	Mean	0%	SD	0%
*Ovary:							
Granulosa Cell Tumor Benign							
		0/49	(0%)	2/48	(4%)	0/50	(0%)
		0/49	(0%)	2/48	(4%)	0/46	(0%)
Overall Incidence	Total	4/290	(1.38%)	Mean	1.39%	SD	2.15%
*Ovary:							
Granulosa Cell Tumor Malignant							
		0/49	(0%)	1/48	(2%)	0/50	(0%)
		0/49	(0%)	0/48	(0%)	0/46	(0%)
Overall Incidence	Total	1/290	(0.34%)	Mean	0.35%	SD	0.85%
*: Denominator is number of animals with tissues examined microscopically							
#: Denominator is number of animals necropsied							

Version: Nov2008  
Contract/Lab: All Laboratories  
Species: MICE  
Strain: B6C3F1  
Length of Study: CHRONIC

Toxicology Data Management System  
Tumor Incidence for Selected Control Animal Groups  
Route: ORAL  
Vehicle: FEED

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Report Date:11/17/2008

Male			Female		
*Ovary: Granulosa Cell Tumor: Benign, Malignant, NOS					
		0/49 (0%)	3/48 (6%)	0/50 (0%)	
		0/49 (0%)	2/48 (4%)	0/46 (0%)	
Overall Incidence	Total	5/290 (1.72%)	Mean 1.74%	SD 2.77%	
.....					
*Ovary: Hemangioma					
		0/49 (0%)	0/48 (0%)	0/50 (0%)	
		0/49 (0%)	0/48 (0%)	0/46 (0%)	
Overall Incidence	Total	0/290 (0%)	Mean 0%	SD 0%	
.....					
*Ovary: Hemangiosarcoma					
		0/49 (0%)	0/48 (0%)	0/50 (0%)	
		0/49 (0%)	0/48 (0%)	0/46 (0%)	
Overall Incidence	Total	0/290 (0%)	Mean 0%	SD 0%	
.....					
*Ovary: Leiomyosarcoma					
		0/49 (0%)	0/48 (0%)	0/50 (0%)	
		0/49 (0%)	0/48 (0%)	0/46 (0%)	
Overall Incidence	Total	0/290 (0%)	Mean 0%	SD 0%	
.....					
*Ovary: Luteoma					
		0/49 (0%)	0/48 (0%)	0/50 (0%)	
		0/49 (0%)	0/48 (0%)	0/46 (0%)	
Overall Incidence	Total	0/290 (0%)	Mean 0%	SD 0%	
.....					
*: Denominator is number of animals with tissues examined microscopically					
#: Denominator is number of animals necropsied					

**Length of Study:** CHRONIC

### Tumor Incidence for Selected Control Animal Groups

Vehicle: FEED

**Report Date:**11/17/2008

Male										Female									
*Ovary: Teratoma Benign																			
										0/49	(0%)	0/48	(0%)	0/50	(0%)				
										0/49	(0%)	0/48	(0%)	0/46	(0%)				
Overall Incidence										Total	0/290	(0%)	Mean	0%	SD	0%			
.....																			
*Ovary: Teratoma Malignant																			
										0/49	(0%)	0/48	(0%)	0/50	(0%)				
										0/49	(0%)	0/48	(0%)	0/46	(0%)				
Overall Incidence										Total	0/290	(0%)	Mean	0%	SD	0%			
.....																			
*Ovary: Tubulostromal Adenoma																			
										1/49	(2%)	0/48	(0%)	0/50	(0%)				
										0/49	(0%)	0/48	(0%)	0/46	(0%)				
Overall Incidence										Total	1/290	(0.34%)	Mean	0.34%	SD	0.83%			
.....																			
*Pancreas: Adenoma																			
										0/50	(0%)	0/50	(0%)	0/50	(0%)				
										1/49	(2%)	0/49	(0%)	0/49	(0%)				
Overall Incidence										Total	1/247	(0.4%)	Mean	0.41%	SD	0.91%			
										Total	0/296	(0%)	Mean	0%	SD	0%			
.....																			
*Pancreas: Carcinoma																			
										0/50	(0%)	0/50	(0%)	0/50	(0%)				
										0/49	(0%)	0/49	(0%)	0/49	(0%)				
Overall Incidence										Total	0/247	(0%)	Mean	0%	SD	0%			
										Total	0/296	(0%)	Mean	0%	SD	0%			

#: Denominator is number of animals necropsied

Version: Nov2008  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: FEED**

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**Report Date: 11/17/2008**

Male										Female					
*Pancreas:															
Carcinoma or Adenoma															
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)		
		1/49	(2%)	0/49	(0%)	0/49	(0%)	0/48	(0%)	0/49	(0%)	0/49	(0%)		
Overall Incidence	Total	1/247	(0.4%)	Mean	0.41%	SD	0.91%	Total	0/296	(0%)	Mean	0%	SD	0%	
.....															
*Pituitary Gland: Pars Distalis or Unspecified Site:															
Adenoma															
		0/48	(0%)	0/48	(0%)			2/50	(4%)	1/47	(2%)	2/50	(4%)		
		0/50	(0%)	0/49	(0%)	0/48	(0%)	0/50	(0%)	5/49	(10%)	2/49	(4%)		
Overall Incidence	Total	0/243	(0%)	Mean	0%	SD	0%	Total	12/295	(4.07%)	Mean	4.07%	SD	3.41%	
.....															
*Pituitary Gland: Pars Distalis or Unspecified Site:															
Carcinoma															
		0/48	(0%)	0/48	(0%)			0/50	(0%)	0/47	(0%)	0/50	(0%)		
		0/50	(0%)	0/49	(0%)	0/48	(0%)	0/50	(0%)	0/49	(0%)	0/49	(0%)		
Overall Incidence	Total	0/243	(0%)	Mean	0%	SD	0%	Total	0/295	(0%)	Mean	0%	SD	0%	
.....															
*Pituitary Gland: Pars Distalis or Unspecified Site:															
Carcinoma or Adenoma															
		0/48	(0%)	0/48	(0%)			2/50	(4%)	1/47	(2%)	2/50	(4%)		
		0/50	(0%)	0/49	(0%)	0/48	(0%)	0/50	(0%)	5/49	(10%)	2/49	(4%)		
Overall Incidence	Total	0/243	(0%)	Mean	0%	SD	0%	Total	12/295	(4.07%)	Mean	4.07%	SD	3.41%	
.....															
*Pituitary Gland: Pars Intermedia:															
Adenoma															
		0/48	(0%)	0/48	(0%)			0/50	(0%)	1/47	(2%)	0/50	(0%)		
		0/50	(0%)	0/49	(0%)	0/48	(0%)	0/50	(0%)	0/49	(0%)	0/49	(0%)		
Overall Incidence	Total	0/243	(0%)	Mean	0%	SD	0%	Total	1/295	(0.34%)	Mean	0.35%	SD	0.87%	

\*: Denominator is number of animals with tissues examined microscopically  
 #: Denominator is number of animals necropsied

**Length of Study:** CHRONIC

### Tumor Incidence for Selected Control Animal Groups

Vehicle: FEED

**Report Date:**11/17/2008

#: Denominator is number of animals necropsied

Version: Nov2008  
Contract/Lab: All Laboratories  
Species: MICE  
Strain: B6C3F1  
Length of Study: CHRONIC

**Toxicology Data Management System**  
Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: FEED**

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**Report Date: 11/17/2008**

		Male						Female						
*Salivary Glands: Carcinoma or Adenoma														
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
.....														
*Salivary Glands: Mast Cell Tumor Malignant														
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
.....														
#Seminal Vesicle: Adenoma														
		0/50	(0%)	0/50	(0%)									
		0/50	(0%)	0/50	(0%)	0/50	(0%)							
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%							
.....														
#Skeletal Muscle: Fibrosarcoma														
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
.....														
#Skeletal Muscle: Hemangiosarcoma														
		1/50	(2%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	1/50	(2%)	1/50	(2%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	3/250	(1.2%)	Mean	1.2%	SD	1.1%	Total	0/300	(0%)	Mean	0%	SD	0%

\*: Denominator is number of animals with tissues examined microscopically  
#: Denominator is number of animals necropsied



Version: Nov2008  
Contract/Lab: All Laboratories  
Species: MICE  
Strain: B6C3F1  
Length of Study: CHRONIC

**Toxicology Data Management System**  
Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: FEED**

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**Report Date: 11/17/2008**

Male												Female					
#Skeletal Muscle:																	
Myxosarcoma																	
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%			
.....																	
#Skeletal Muscle:																	
Rhabdomyosarcoma																	
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)			
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	1/300	(0.33%)	Mean	0.33%	SD	0.82%			
.....																	
#Skeletal Muscle:																	
Rhabdomyosarcoma or Rhabdomyoma																	
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)			
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	1/300	(0.33%)	Mean	0.33%	SD	0.82%			
.....																	
#Skeletal Muscle:																	
Sarcoma																	
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)		0/50	(0%)	1/50	(2%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	1/300	(0.33%)	Mean	0.33%	SD	0.82%			
.....																	
#Skin:																	
Basal Cell Adenoma or Basosquamous Tumor Benign																	
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%			

\*: Denominator is number of animals with tissues examined microscopically  
#: Denominator is number of animals necropsied

Version: Nov2008  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: FEED**

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**Report Date: 11/17/2008**

Male										Female					
#Skin:															
Basal Cell Adenoma, Basosquamous Tumor Benign, or Trichoepithelioma															
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	1/300	(0.33%)	Mean	0.33%	SD	0.82%	
.....															
#Skin:															
Basal Cell Carcinoma															
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%	
.....															
#Skin:															
Basal Cell Carcinoma or Basosquamous Tumor (malignant or NOS)															
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%	
.....															
#Skin:															
Basal Cell Carcinoma, Basal Cell Adenoma, Basosquamous Tumor (benign, malignant or NOS), or Trichoepithelioma															
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	1/300	(0.33%)	Mean	0.33%	SD	0.82%	
.....															
#Skin:															
Basal or Sq. Cell Carcinoma, Carcinoma, Basosq. Tumor (M or B), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma															
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	1/300	(0.33%)	Mean	0.33%	SD	0.82%	
.....															

\*: Denominator is number of animals with tissues examined microscopically  
 #: Denominator is number of animals necropsied

Version: Nov2008  
Contract/Lab: All Laboratories  
Species: MICE  
Strain: B6C3F1  
Length of Study: CHRONIC

Toxicology Data Management System  
Tumor Incidence for Selected Control Animal Groups  
Route: ORAL  
Vehicle: FEED

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Report Date:11/17/2008

Male								Female							
#Skin:															
Basosquamous Tumor Benign															
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%	
#Skin:															
Fibroma															
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	1/50	(2%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	1/250	(0.4%)	Mean	0.4%	SD	0.89%	Total	0/300	(0%)	Mean	0%	SD	0%	
#Skin:															
Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Fibrous Histiocytoma															
		0/50	(0%)	1/50	(2%)			1/50	(2%)	2/50	(4%)	5/50	(10%)		
		0/50	(0%)	0/50	(0%)	3/50	(6%)			3/50	(6%)	2/50	(4%)	3/50	(6%)
Overall Incidence	Total	4/250	(1.6%)	Mean	1.6%	SD	2.61%	Total	16/300	(5.33%)	Mean	5.33%	SD	2.73%	
#Skin:															
Fibrosarcoma															
		0/50	(0%)	0/50	(0%)			1/50	(2%)	1/50	(2%)	4/50	(8%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)			1/50	(2%)	1/50	(2%)	3/50	(6%)
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	11/300	(3.67%)	Mean	3.67%	SD	2.66%	
#Skin:															
Fibrosarcoma, Sarcoma, Myxosarcoma, or Fibrous Histiocytoma															
		0/50	(0%)	1/50	(2%)			1/50	(2%)	2/50	(4%)	5/50	(10%)		
		0/50	(0%)	0/50	(0%)	2/50	(4%)			3/50	(6%)	2/50	(4%)	3/50	(6%)
Overall Incidence	Total	3/250	(1.2%)	Mean	1.2%	SD	1.79%	Total	16/300	(5.33%)	Mean	5.33%	SD	2.73%	

\*: Denominator is number of animals with tissues examined microscopically  
#: Denominator is number of animals necropsied

**Version:** Nov2008

**Contract/Lab:** All Laboratories

**Species:** MICE

Strain: B6C3F1

**Length of Study:** CHRONIC

## Toxicology Data Management System

### Tumor Incidence for Selected Control Animal Groups

Route: ORAL

**Vehicle: FEED**

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Report Date:11/17/2008

Male										Female					
#Skin: Fibrous Histiocytoma															
		0/50	(0%)	1/50	(2%)			0/50	(0%)	1/50	(2%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	2/50	(4%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	3/250	(1.2%)	Mean	1.2%	SD	1.79%	Total	1/300	(0.33%)	Mean	0.33%	SD	0.82%	
.....															
#Skin: Hemangioma															
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	1/50	(2%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	1/300	(0.33%)	Mean	0.33%	SD	0.82%	
.....															
#Skin: Hemangiosarcoma															
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)		
		1/50	(2%)	0/50	(0%)	2/50	(4%)		0/50	(0%)	2/50	(4%)	0/50	(0%)	
Overall Incidence	Total	3/250	(1.2%)	Mean	1.2%	SD	1.79%	Total	2/300	(0.67%)	Mean	0.67%	SD	1.63%	
.....															
#Skin: Liposarcoma															
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%	
.....															
#Skin: Myxosarcoma															
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%	

\*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Nov2008  
Contract/Lab: All Laboratories  
Species: MICE  
Strain: B6C3F1  
Length of Study: CHRONIC

Toxicology Data Management System  
Tumor Incidence for Selected Control Animal Groups  
Route: ORAL  
Vehicle: FEED

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Report Date:11/17/2008

Male							Female							
#Skin:														
Neural Crest Tumor														
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
.....														
#Skin:														
Neurofibrosarcoma or Schwannoma (malignant or NOS)														
		1/50	(2%)	0/50	(0%)			1/50	(2%)	1/50	(2%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	1/250	(0.4%)	Mean	0.4%	SD	0.89%	Total	2/300	(0.67%)	Mean	0.67%	SD	1.03%
.....														
#Skin:														
Neurofibrosarcoma, Neurofibroma, or Schwannoma (benign, malignant or NOS)														
		1/50	(2%)	0/50	(0%)			1/50	(2%)	1/50	(2%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	1/250	(0.4%)	Mean	0.4%	SD	0.89%	Total	2/300	(0.67%)	Mean	0.67%	SD	1.03%
.....														
#Skin:														
Osteosarcoma														
		0/50	(0%)	0/50	(0%)			1/50	(2%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	1/300	(0.33%)	Mean	0.33%	SD	0.82%
.....														
#Skin:														
Sarcoma														
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	1/50	(2%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	2/50	(4%)	1/50	(2%)	0/50	(0%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	4/300	(1.33%)	Mean	1.33%	SD	1.63%
.....														

#: Denominator is number of animals with tissues examined microscopically  
#: Denominator is number of animals necropsied

Version: Nov2008  
Contract/Lab: All Laboratories  
Species: MICE  
Strain: B6C3F1  
Length of Study: CHRONIC

Toxicology Data Management System  
Tumor Incidence for Selected Control Animal Groups  
Route: ORAL  
Vehicle: FEED

Male								Female							
#Skin:															
Schwannoma Malignant															
		1/50	(2%)	0/50	(0%)			1/50	(2%)	1/50	(2%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50 (0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	1/250	(0.4%)	Mean	0.4%	SD	0.89%	Total	2/300	(0.67%)	Mean	0.67%	SD	1.03%	
.....															
#Skin:															
Squamous Cell Carcinoma															
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50 (0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%	
.....															
#Skin:															
Squamous Cell Carcinoma, Basal Cell Carcinoma, Basosquamous Tumor (malignant or NOS), or Carcinoma															
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50 (0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%	
.....															
#Skin:															
Squamous Cell Papilloma															
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50 (0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%	
.....															
#Skin:															
Squamous Cell Papilloma or Papilloma															
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50 (0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%	
.....															

#: Denominator is number of animals with tissues examined microscopically  
#: Denominator is number of animals necropsied

Version: Nov2008  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: FEED**

**Page: 225**  
**Report Date: 11/17/2008**

Male						Female								
#Skin:														
Squamous Cell Papilloma, Papilloma, Squamous Cell Carcinoma or Keratoacanthoma														
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)			
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
.....														
#Skin:														
Squamous Cell Papilloma, Papilloma, or Keratoacanthoma														
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
.....														
#Skin:														
Trichoepithelioma														
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	1/300	(0.33%)	Mean	0.33%	SD	0.82%
.....														
#Skin: Sebaceous Gland:														
Adenoma														
		0/50	(0%)	0/50	(0%)			0/50	(0%)	1/50	(2%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	1/300	(0.33%)	Mean	0.33%	SD	0.82%
.....														
#Skin: Sebaceous Gland:														
Carcinoma														
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	1/250	(0.4%)	Mean	0.4%	SD	0.89%	Total	0/300	(0%)	Mean	0%	SD	0%
.....														

\*: Denominator is number of animals with tissues examined microscopically  
 #: Denominator is number of animals necropsied

Version: Nov2008  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: FEED**

**Page: 226**  
**Report Date: 11/17/2008**

Male														Female					
#Skin: Sebaceous Gland: Carcinoma or Adenoma																			
		0/50	(0%)	0/50	(0%)			0/50	(0%)	1/50	(2%)	0/50	(0%)						
		0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)	0/50	(0%)	0/50	(0%)						
Overall Incidence	Total	1/250	(0.4%)	Mean	0.4%	SD	0.89%	Total	1/300	(0.33%)	Mean	0.33%	SD	0.82%					
.....																			
#Spinal Cord: Meningioma Malignant																			
		0/50	(0%)	1/50	(2%)			0/50	(0%)	0/50	(0%)	0/50	(0%)						
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)						
Overall Incidence	Total	1/250	(0.4%)	Mean	0.4%	SD	0.89%	Total	0/300	(0%)	Mean	0%	SD	0%					
.....																			
*Spleen: Fibrous Histiocytoma																			
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/48	(0%)						
		0/50	(0%)	0/49	(0%)	0/50	(0%)	0/48	(0%)	0/49	(0%)	0/50	(0%)						
Overall Incidence	Total	0/249	(0%)	Mean	0%	SD	0%	Total	0/295	(0%)	Mean	0%	SD	0%					
.....																			
*Spleen: Hemangioma																			
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/48	(0%)						
		0/50	(0%)	0/49	(0%)	0/50	(0%)	0/48	(0%)	0/49	(0%)	0/50	(0%)						
Overall Incidence	Total	0/249	(0%)	Mean	0%	SD	0%	Total	0/295	(0%)	Mean	0%	SD	0%					
.....																			
*Spleen: Hemangiosarcoma																			
		1/50	(2%)	0/50	(0%)			0/50	(0%)	2/50	(4%)	1/48	(2%)						
		1/50	(2%)	0/49	(0%)	2/50	(4%)	1/48	(2%)	2/49	(4%)	0/50	(0%)						
Overall Incidence	Total	4/249	(1.61%)	Mean	1.6%	SD	1.67%	Total	6/295	(2.03%)	Mean	2.04%	SD	1.81%					

\*: Denominator is number of animals with tissues examined microscopically  
 #: Denominator is number of animals necropsied



Version: Nov2008  
Contract/Lab: All Laboratories  
Species: MICE  
Strain: B6C3F1  
Length of Study: CHRONIC

**Toxicology Data Management System**  
Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: FEED**

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**Report Date: 11/17/2008**

Male										Female					
#Stomach, Forestomach: Mast Cell Tumor Malignant															
		0/50	(0%)	1/50	(2%)			0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	1/250	(0.4%)	Mean	0.4%	SD	0.89%	Total	0/300	(0%)	Mean	0%	SD	0%	
.....															
#Stomach, Forestomach: Squamous Cell Carcinoma															
		0/50	(0%)	0/50	(0%)			1/50	(2%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	1/50	(2%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	1/250	(0.4%)	Mean	0.4%	SD	0.89%	Total	1/300	(0.33%)	Mean	0.33%	SD	0.82%	
.....															
#Stomach, Forestomach: Squamous Cell Carcinoma or Papilloma Squamous															
		1/50	(2%)	2/50	(4%)			2/50	(4%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	1/50	(2%)	0/50	(0%)	0/50	(0%)	2/50	(4%)	1/50	(2%)		
Overall Incidence	Total	4/250	(1.6%)	Mean	1.6%	SD	1.67%	Total	5/300	(1.67%)	Mean	1.67%	SD	1.97%	
.....															
#Stomach, Forestomach: Squamous Cell Papilloma															
		1/50	(2%)	2/50	(4%)			1/50	(2%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	2/50	(4%)	1/50	(2%)		
Overall Incidence	Total	3/250	(1.2%)	Mean	1.2%	SD	1.79%	Total	4/300	(1.33%)	Mean	1.33%	SD	1.63%	
.....															
#Stomach, Glandular: Adenoma															
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%	

\*: Denominator is number of animals with tissues examined microscopically  
#: Denominator is number of animals necropsied

**Length of Study:** CHRONIC

### Tumor Incidence for Selected Control Animal Groups

Vehicle: FEED

**Report Date:**11/17/2008

Male												Female											
#Stomach, Glandular: Carcinoma																							
		0/50 (0%)		0/50 (0%)		0/50 (0%)		0/50 (0%)		0/50 (0%)		0/50 (0%)		0/50 (0%)		0/50 (0%)		0/50 (0%)		0/50 (0%)			
		0/50 (0%)		0/50 (0%)		0/50 (0%)		0/50 (0%)		0/50 (0%)		0/50 (0%)		0/50 (0%)		0/50 (0%)		0/50 (0%)		0/50 (0%)			
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%									
#Stomach, Glandular: Carcinoma or Adenoma																							
		0/50 (0%)		0/50 (0%)		0/50 (0%)		0/50 (0%)		0/50 (0%)		0/50 (0%)		0/50 (0%)		0/50 (0%)		0/50 (0%)		0/50 (0%)			
		0/50 (0%)		0/50 (0%)		0/50 (0%)		0/50 (0%)		0/50 (0%)		0/50 (0%)		0/50 (0%)		0/50 (0%)		0/50 (0%)		0/50 (0%)			
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%									
*Testes: Adenoma																							
		0/50 (0%)		0/50 (0%)		1/50 (2%)																	
		0/50 (0%)		0/50 (0%)		1/50 (2%)																	
Overall Incidence	Total	1/250	(0.4%)	Mean	0.4%	SD	0.89%																
*Testes: Hemangiosarcoma																							
		0/50 (0%)		0/50 (0%)		0/50 (0%)																	
		0/50 (0%)		0/50 (0%)		0/50 (0%)																	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%																
*Thymus: Thymoma Malignant																							
		0/46 (0%)		0/41 (0%)		0/45 (0%)																	
		0/44 (0%)		0/48 (0%)		0/45 (0%)																	
Overall Incidence	Total	0/224	(0%)	Mean	0%	SD	0%	Total	0/292	(0%)	Mean	0%	SD	0%									

#: Denominator is number of animals necropsied

**Version:** Nov2008

**Contract/Lab:** All Laboratories

**Species:** MICE

Strain: B6C3F1

**Length of Study:** CHRONIC

## Toxicology Data Management System

### Tumor Incidence for Selected Control Animal Groups

Route: ORAL

**Vehicle: FEED**

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Report Date:11/17/2008

Male														Female					
*Thymus:																			
Thymoma: Benign, Malignant, NOS																			
		0/46	(0%)	0/41	(0%)			0/46	(0%)	0/49	(0%)	0/50	(0%)						
		0/44	(0%)	0/48	(0%)	0/45	(0%)	0/49	(0%)	0/49	(0%)	0/49	(0%)						
Overall Incidence	Total	0/224	(0%)	Mean	0%	SD	0%	Total	0/292	(0%)	Mean	0%	SD	0%					
.....																			
*Thyroid Gland:																			
Adenoma																			
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/48	(0%)						
		0/50	(0%)	0/50	(0%)	0/48	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)						
Overall Incidence	Total	0/248	(0%)	Mean	0%	SD	0%	Total	1/298	(0.34%)	Mean	0.33%	SD	0.82%					
.....																			
*Thyroid Gland: C-Cell:																			
Carcinoma																			
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/48	(0%)						
		0/50	(0%)	0/50	(0%)	0/48	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)						
Overall Incidence	Total	0/248	(0%)	Mean	0%	SD	0%	Total	0/298	(0%)	Mean	0%	SD	0%					
.....																			
*Thyroid Gland: C-Cell:																			
Carcinoma or Adenoma																			
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/48	(0%)						
		0/50	(0%)	0/50	(0%)	0/48	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)						
Overall Incidence	Total	0/248	(0%)	Mean	0%	SD	0%	Total	0/298	(0%)	Mean	0%	SD	0%					
.....																			
*Thyroid Gland: Follicular Cell:																			
Adenoma																			
		1/50	(2%)	0/50	(0%)			0/50	(0%)	1/50	(2%)	0/48	(0%)						
		1/50	(2%)	1/50	(2%)	0/48	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)						
Overall Incidence	Total	3/248	(1.21%)	Mean	1.2%	SD	1.1%	Total	1/298	(0.34%)	Mean	0.33%	SD	0.82%					

\*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Nov2008  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: FEED**

**Page: 230**  
**Report Date: 11/17/2008**

		Male						Female						
*Thyroid Gland: Follicular Cell: Carcinoma														
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/48	(0%)	
		0/50	(0%)	0/50	(0%)	0/48	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/248	(0%)	Mean	0%	SD	0%	Total	0/298	(0%)	Mean	0%	SD	0%
.....														
*Thyroid Gland: Follicular Cell: Carcinoma or Adenoma														
		1/50	(2%)	0/50	(0%)			0/50	(0%)	1/50	(2%)	0/48	(0%)	
		1/50	(2%)	1/50	(2%)	0/48	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	3/248	(1.21%)	Mean	1.2%	SD	1.1%	Total	1/298	(0.34%)	Mean	0.33%	SD	0.82%
.....														
#Tissue NOS: Carcinoma														
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
.....														
#Tissue NOS: Hemangiosarcoma														
		0/50	(0%)	0/50	(0%)			0/50	(0%)	1/50	(2%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	1/300	(0.33%)	Mean	0.33%	SD	0.82%
.....														
#Tissue NOS: Schwannoma Malignant														
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	1/50	(2%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	1/250	(0.4%)	Mean	0.4%	SD	0.89%	Total	0/300	(0%)	Mean	0%	SD	0%

\*: Denominator is number of animals with tissues examined microscopically  
 #: Denominator is number of animals necropsied

Version: Nov2008  
Contract/Lab: All Laboratories  
Species: MICE  
Strain: B6C3F1  
Length of Study: CHRONIC

**Toxicology Data Management System**  
Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: FEED**

**Page: 231**  
**Report Date:**11/17/2008

Male														Female					
#Tongue: Squamous Cell Carcinoma																			
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)						
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)						
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%					
.....																			
#Tongue: Squamous Cell Carcinoma or Papilloma Squamous																			
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)						
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)						
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%					
.....																			
#Tongue: Squamous Cell Papilloma																			
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)						
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)						
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%					
.....																			
#Tooth: Odontoma																			
		1/50	(2%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)						
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)						
Overall Incidence	Total	1/250	(0.4%)	Mean	0.4%	SD	0.89%	Total	0/300	(0%)	Mean	0%	SD	0%					
.....																			
*Urinary Bladder: Hemangioma																			
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/49	(0%)	0/50	(0%)						
		0/49	(0%)	0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)						
Overall Incidence	Total	0/249	(0%)	Mean	0%	SD	0%	Total	0/298	(0%)	Mean	0%	SD	0%					

\*: Denominator is number of animals with tissues examined microscopically  
#: Denominator is number of animals necropsied

**Length of Study:** CHRONIC

### Tumor Incidence for Selected Control Animal Groups

Vehicle: FEED

**Report Date:**11/17/2008

Overall Incidence by Site and Sex														
		Male						Female						
<hr/>														
*Urinary Bladder: Hemangiosarcoma														
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/49	(0%)	0/50	(0%)	
		0/49	(0%)	0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/249	(0%)	Mean	0%	SD	0%	Total	0/298	(0%)	Mean	0%	SD	0%
<hr/>														
*Urinary Bladder: Sarcoma														
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/49	(0%)	0/50	(0%)	
		0/49	(0%)	0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/249	(0%)	Mean	0%	SD	0%	Total	0/298	(0%)	Mean	0%	SD	0%
<hr/>														
#Uterus: Adenoma														
								0/50	(0%)	0/50	(0%)	0/50	(0%)	
								0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence								Total	0/300	(0%)	Mean	0%	SD	0%
<hr/>														
#Uterus: Carcinoma														
								0/50	(0%)	0/50	(0%)	0/50	(0%)	
								0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence								Total	0/300	(0%)	Mean	0%	SD	0%
<hr/>														
#Uterus: Hemangioma														
								0/50	(0%)	0/50	(0%)	0/50	(0%)	
								0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence								Total	0/300	(0%)	Mean	0%	SD	0%

#: Denominator is number of animals necropsied

Version: Nov2008  
Contract/Lab: All Laboratories  
Species: MICE  
Strain: B6C3F1  
Length of Study: CHRONIC

Toxicology Data Management System  
Tumor Incidence for Selected Control Animal Groups  
Route: ORAL  
Vehicle: FEED

Male			Female				
#Uterus:							
Hemangiosarcoma							
		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%
.....							
#Uterus:							
Leiomyoma							
		0/50	(0%)	0/50	(0%)	1/50	(2%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	1/300	(0.33%)	Mean	0.33%	SD	0.82%
.....							
#Uterus:							
Leiomyosarcoma							
		0/50	(0%)	2/50	(4%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	2/300	(0.67%)	Mean	0.67%	SD	1.63%
.....							
#Uterus:							
Polyp Stromal							
		4/50	(8%)	2/50	(4%)	0/50	(0%)
		2/50	(4%)	0/50	(0%)	4/50	(8%)
Overall Incidence	Total	12/300	(4%)	Mean	4%	SD	3.58%
.....							
#Uterus:							
Sarcoma Stromal							
		1/50	(2%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	1/300	(0.33%)	Mean	0.33%	SD	0.82%
.....							

\*: Denominator is number of animals with tissues examined microscopically  
#: Denominator is number of animals necropsied

**Version:** Nov2008

**Contract/Lab:** All Laboratories

**Species:** MICE

Strain: B6C3F1

**Length of Study:** CHRONIC

## Toxicology Data Management System

### Tumor Incidence for Selected Control Animal Groups

Route: ORAL

**Vehicle: FEED**

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Report Date:11/17/2008

Male										Female					
#Uterus: Sarcoma Stromal or Polyp Stromal															
5/50 (10%) 2/50 (4%) 0/50 (0%)															
2/50 (4%) 0/50 (0%) 4/50 (8%)															
Overall Incidence				Total		13/300 (4.33%)		Mean 4.33%		SD 4.08%					
.....															
#Uterus: Schwannoma Malignant															
0/50 (0%) 1/50 (2%) 0/50 (0%)															
0/50 (0%) 1/50 (2%) 0/50 (0%)															
Overall Incidence				Total		2/300 (0.67%)		Mean 0.67%		SD 1.03%					
.....															
#Vagina: Squamous Cell Carcinoma															
0/50 (0%) 0/50 (0%) 0/50 (0%)															
0/50 (0%) 0/50 (0%) 0/50 (0%)															
Overall Incidence				Total		0/300 (0%)		Mean 0%		SD 0%					
.....															
#Vagina: Squamous Cell Papilloma															
0/50 (0%) 0/50 (0%) 0/50 (0%)															
0/50 (0%) 0/50 (0%) 0/50 (0%)															
Overall Incidence				Total		0/300 (0%)		Mean 0%		SD 0%					
.....															
#Zymbal's Gland: Carcinoma															
0/50 (0%) 0/50 (0%) 0/50 (0%)															
0/50 (0%) 0/50 (0%) 0/50 (0%)															
Overall Incidence				Total		1/300 (0.33%)		Mean 0.33%		SD 0.82%					

\*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied



Version: Nov2008  
Contract/Lab: All Laboratories  
Species: MICE  
Strain: B6C3F1  
Length of Study: CHRONIC

Toxicology Data Management System  
Tumor Incidence for Selected Control Animal Groups  
Route: ORAL  
Vehicle: FEED

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Report Date:11/17/2008

Male										Female					
#Zymbal's Gland:															
Carcinoma or Adenoma															
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	1/300	(0.33%)	Mean	0.33%	SD	0.82%	

.....  
\*: Denominator is number of animals with tissues examined microscopically  
#: Denominator is number of animals necropsied